

Rabbit Suz12 Polyclonal Antibody | anti-Suz12 antibody

(Mouse) Suz12 Antibody (Center)

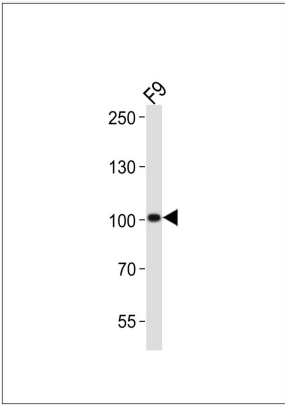
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285958	Rabbit	Mouse (Predicted Reactivity: Human)	ELISA, Western Blot

PRODUCT SYNONYMS

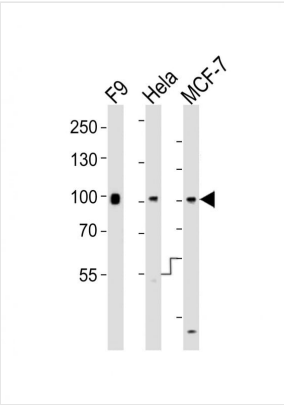
Suz12; Polyclonal Antibody; (Mouse) Suz12 Antibody (Center); Polycomb protein Suz12; Suppressor of zeste 12 protein homolog; D11Ert530e; Kiaa0160; anti-Suz12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Human)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Suz12 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 496-530 amino acids from the Central region of Mouse Suz12.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	718
Applicable Applications for anti-Suz12 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of lysate from mouse F9 cell line, using Suz12 Antibody (Center). AAA285958 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.



WB (Western Blot)
All lanes : Anti-Suz12 Antibody (Center) at 1:1000 dilution
Lane 1: F9 whole cell lysates
Lane 2: HeLa whole cell lysates
Lane 3: MCF-7 whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 83 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Suz12 antibody	Polycomb group (PcG) protein. Component of the PRC2/EED- EZH2 complex, which methylates 'Lys-9' (H3K9me) and 'Lys-27' (H3K27me) of histone H3, leading to transcriptional repression of the affected target gene. The PRC2/EED-EZH2 complex may also serve as a recruiting platform for DNA methyltransferases, thereby linking two epigenetic repression systems (By similarity). Genes repressed by the PRC2/EED-EZH2 complex include HOXA7, HOXB6 and HOXC8.
Product Categories/Family for anti-Suz12 antibody	Crown Antibodies
References	Okazaki N.,et al.DNA Res. 10:35-48(2003). Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009). Pasini D.,et al.EMBO J. 23:4061-4071(2004). Umlauf D.,et al.Nat. Genet. 36:1296-1300(2004). Kuzmichev A.,et al.Proc. Natl. Acad. Sci. U.S.A. 102:1859-1864(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	253314523
NCBI GeneID	52615
NCBI Accession #	NP_001156490.1
NCBI GenBank Nucleotide #	NM_001163018.1
UniProt Accession #	Q80U70; Q80Y10; Q99L07; B1AQE5
Molecular Weight	83026
NCBI Official Full Name	polycomb protein Suz12 isoform 2
NCBI Official Synonym Full Names	suppressor of zeste 12 homolog (Drosophila)
NCBI Official Symbol	Suz12
NCBI Official Synonym Symbols	AI195385; AU016842; AW536442; mKIAA0160; D11Ertd530e; 2610028O16Rik
NCBI Protein Information	polycomb protein Suz12
UniProt Protein Name	Polycomb protein Suz12
UniProt Gene Name	Suz12

UniProt Synonym Gene Names	D11Ert530e; Kiaa0160
UniProt Entry Name	SUZ12_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/suz12-antibody-western-blot-elisa/285958>